Contents of volume 38

No. 1

Announcement from the Publisher v

In Memoriam: Professor Dr L.A.M. Stolte 1

Regular Papers

Umbilical artery flow velocity waveforms during spinal anesthesia
F.M. Fairlie, I. Kirkwood, G.D. Lang and C.D. Sheldon (U.K.) 3

The effect of short-term heat stress on uterine contractility, fetal heart rate and fetal movements at late pregnancy
K. Vähä-Eskeli and R. Erkkola (Finland) 9

Levels of ritodrine hydrochloride in fetal blood and amniotic fluid following long-term continuous administration in late pregnancy
S. Fujimoto, T. Tanaka and M. Akahane (Japan) 15

Ginger treatment of hyperemesis gravidarum
W. Fischer-Rasmussen, S.K. Kjær, C. Dahl and U. Asping (Denmark) 19

Karyotype and placental structure of first-trimester spontaneous abortions: a morphometrical study
G. Röckelein, R. Ulmer and J. Schröder (F.R.G.) 25

Influence of the mode of delivery on initiation of breast-feeding
V. Vestermark, C.K. Høgdall, M. Birch, G. Plenov and K. Toftager-Larsen (Denmark) 33

The vaginal pH and leucocyte/epithelial cell ratio vary during normal menstrual cycles
P.-G. Larsson and J.-J. Platz-Christensen (Sweden) 39

Prevalence of infertility: international data and problems of measurement
P. Thonneau and A. Spira (France) 43

Intranasal buserelin versus surgery in the treatment of uterine leiomyomata: long-term follow-up
L. Fedele, S. Bianchi, A. Baglioni, L. Arcaini, M. Marchini and L. Bocciolone (Italy) 53

DNA ploidy and the expression of tissue-carcinoembryonic antigen in grade III carcinoma of the breast
P.A. Van Dam, G. Keersmaeckers, D.R. Van Bockstaele and F.L. Uyttenbroeck (Belgium) 59

Case Reports

Hypertrophic cardiomyopathy and pregnancy: a report of three cases
Y.M. Van Kasteren, J. Kleinhout, M.A. Smit, J.M.G. Van Vugt and H.P. Van Geijn (The Netherlands) 63

Antenatal fetal death in twin pregnancies: a dangerous condition mainly for the surviving co-twin; a report of four cases
I.B.M. Van den Veyver, E. Schatteman, J.S. Vanderheyden, J. Van Wiemeersch and P. Meulyzer (Belgium) 69

Delayed interval delivery in a triplet pregnancy; a case report
A.M. Van Heusden and R.S.G.M. Bots (The Netherlands) 75

Human acardiac anomaly: a report of three cases
A. Nerlich, J. Wisser, A. Draeger, W. Nathrath and K. Remberger (F.R.G.) 79

Calendar 87

No. 2

Announcement from the Publisher iii

Regular Papers

Teleology of the menopause
R.J. Lilford and F.C. Bryce (U.K.) 89

An evaluation of clinical estimation of fetal weight and symphysis fundal distance for detection of SGA infants

0028-2243/90/$03.50 © 1990 Elsevier Science Publishers B.V. (Biomedical Division)

N.J. Secher, S. Lundbye-Christensen, I. Qvist and P. Bagger (Denmark) 91

The relationship between Apgar score, umbilical artery pH and operative delivery for fetal distress in 2778 infants born at term
A.L. Hoffmann, J. Hjortdal, N.J. Secher and B. Weile (Denmark) 97

Vaginal infections, cervical ripening and preterm delivery
S. Chambers, J.C. Pons, A. Richard, M. Chiesa, J. Bouyer and E. Papiernik (U.S.A., France) 103

When is it possible to meet the wish of a woman to terminate her labour by caesarean section?
P. Čepický, Z. Štembera, J. Zeman, T. Lomíčková and F. Mandys (Czechoslovakia) 109

Changing trends in preterm childbirth
X. Le Coutour, G. Marie, G. Muller and G. Levy (France) 113

Discrepancy between laboratory determination and visual estimation of blood loss during normal delivery
S.J. Duthie, D. Ven, G.L.K. Yung, D.Z. Guang, S.Y.W. Chan and H.-K. Ma (Hong Kong) 119

The first attempt at IVF treatment. Results and requirements for a satisfactory success rate
T. Åbyholm, T. Tanbo, P.O. Dale, E. Kjekshus and Magnus (Norway) 125

Cryopreservation of human embryos at the pronucleate, early cleavage, or expanded blastocyst stages
S.A. Troup, P.L. Matson, J.D. Critchlow, D.R. Morroll, B.A. Lieberman and R.W. Burslem (U.K.) 133

The use of an electric freezer in human semen banking
G. Paz, L. Yogev, A. Gottreich, R. Rotem, H. Yavetz and Z.T. Homonnai (Israel) 141

The effect of chronic oral methadone treatment on monkey chorionic gonadotropin, estradiol, dehydroepiandrosterone sulfate, progesterone, prolactin and cortisol levels during pregnancy in the cynomolgus monkey (*Macaca fascicularis*)
P.R. Hein, J S.J.O. Schatorjé, H.J.A.A.M. Frencken, M.F.G. Segers and C.M.G. Thomas (The Netherlands) 145

Case Reports

Human fetal mouthing movements: a potential biophysical variable for distinguishing state 1F from abnormal fetal behaviour; report of 4 cases
M. Pillai and D. James (U.K.) 151

Group B streptococcal chorioamnionitis and neonatal septicemia following 8 days pivampicillin and metronidazol prophylaxis after premature rupture of membranes; a case report
L.F. Andersen, J. Svare, H. Madsen, J. Langhoff-Roos, E. Tvenstrup Jensen and B.B. Bruun (Denmark) 157

Thanatophoric dwarfism; drugs and antenatal diagnosis; a case report
N.M. Rafla and F.P. Meehan (Ireland) 161

The use of Doppler umbilical artery waveforms in placental abruption; a report of two cases
N.M. Rafla (U.K.) 167

No. 3

Announcement from the Publisher

Review

Medical treatment of mild endometriosis associated with infertility
G. Battista Candiani, P. Vercellini, L. Fedele, S. Nava and P.E. Fontana (Italy) 169

Regular papers

Editorial
R.R. MacDonald (U.K.) 181

Multifetal pregnancy reduction: a Belgian experience
C. Donner, J.A. McGinnis, P. Simon and F. Rodesch (Belgium) 183

Doppler velocimetry: critical analysis of umbilical, cerebral and aortic reference values
E. Ferrazzi, P. Gementi, M. Bellotti, M. Rodolfi, S. Della Peruta, A. Barbera and G. Pardi (Italy) 189

Prostaglandin E_2 (PGE_2) vaginal gel for cervical ripening
M.S. Chatterjee, K. Ramchandran, J. Ferlita and M.L. Mitrik (U.S.A.) 197

Maternal colonization by group B streptococci and puerperal infection; analysis of intrapartum chemoprophylaxis
R. Matorras, A. García-Perea, R. Madero and J.A. Usandizaga (Spain) 203

Clitoral length assessment in newborn infants of 30 to 41 weeks gestational age
A. Litwin, I. Aitkin and P. Merlob (Israel) 209

Screening infertile women for the assessment of corpus luteal function and their response to therapy by ELISA of pregnanediol glucuronide
I. Khatkhatay, M.P. Desai, G.M. Sankolli, P.K. Meherji and U.M. Joshi (India) 213

Serum fructosamine is not a useful screening test for gestational diabetes
R. Corcoy, M.J. Cerqueira, J. Pedreño, J. Matas, M. Codina, J.M. Pou, A. De Leiva and L. Cabero (Spain) 217

Correlation between nuclear DNA content and steroid receptor status in ovarian cancer
B.J. Slotman, J.P.A. Baak and B.R. Rao (The Netherlands) 221

Case Reports

Rupture of an aneurysm of the splenic artery and pregnancy: a case report
P. Czekelius, L. Deichert, T. Gesenhues and K.-D. Schulz (F.R.G.) 229

Intra-uterine *Candida* infection: a report of four infected fetusses from two mothers
G.G.G. Donders, P. Moerman, J. Caudron and F.A. Van Assche (Belgium) 233

Uni- and bilateral torsion of the testes in the neonate; a report of two cases
J. Moesgaard and C. Felding (Denmark) 239

True idiopathic precocious puberty presenting at six months of age; a case report
C.S. Nienaber and D. Van der Walt (South Africa) 243

Acknowledgements 247

Contents to volume 38 251

Author index to volume 38 254

Subject index to volume 38 257